



Gulf of Mexico Harmful Algal Bloom Bulletin

3 April 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: March 27, 2006

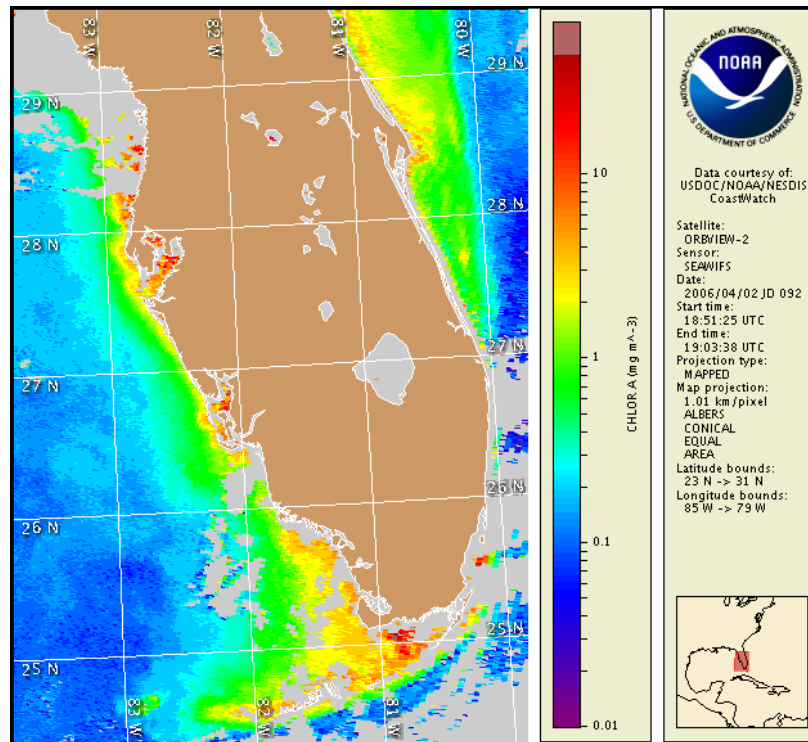
Conditions Report

No impacts are expected in any Florida Counties this week. Due to current harmful algal bloom inactivity, bulletins are issued each Monday, until conditions warrant continuance of twice weekly bulletins.

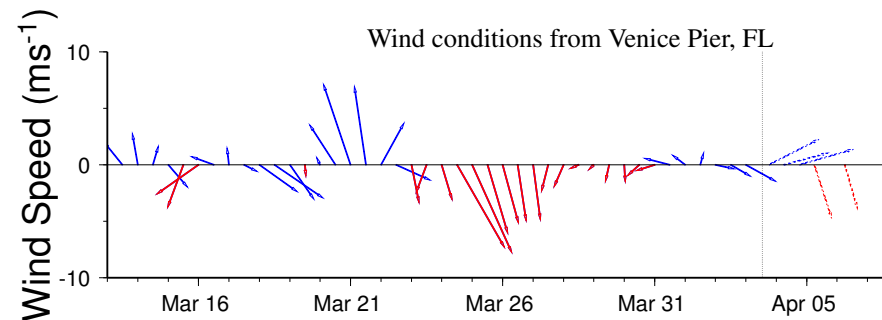
Analysis

No *K. brevis* was detected last week in any samples from Pinellas to Monroe County, or in offshore samples collected north of the Keys. Recent sampling (3/29; MML) from Long Key to Big Pine Key (gulf-side) confirms the absence of *K. brevis*. Elevated chlorophyll levels in the region and along much of the SW coast can be attributed to the presence of various non-harmful algae populations.

-Keller, Fisher



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).



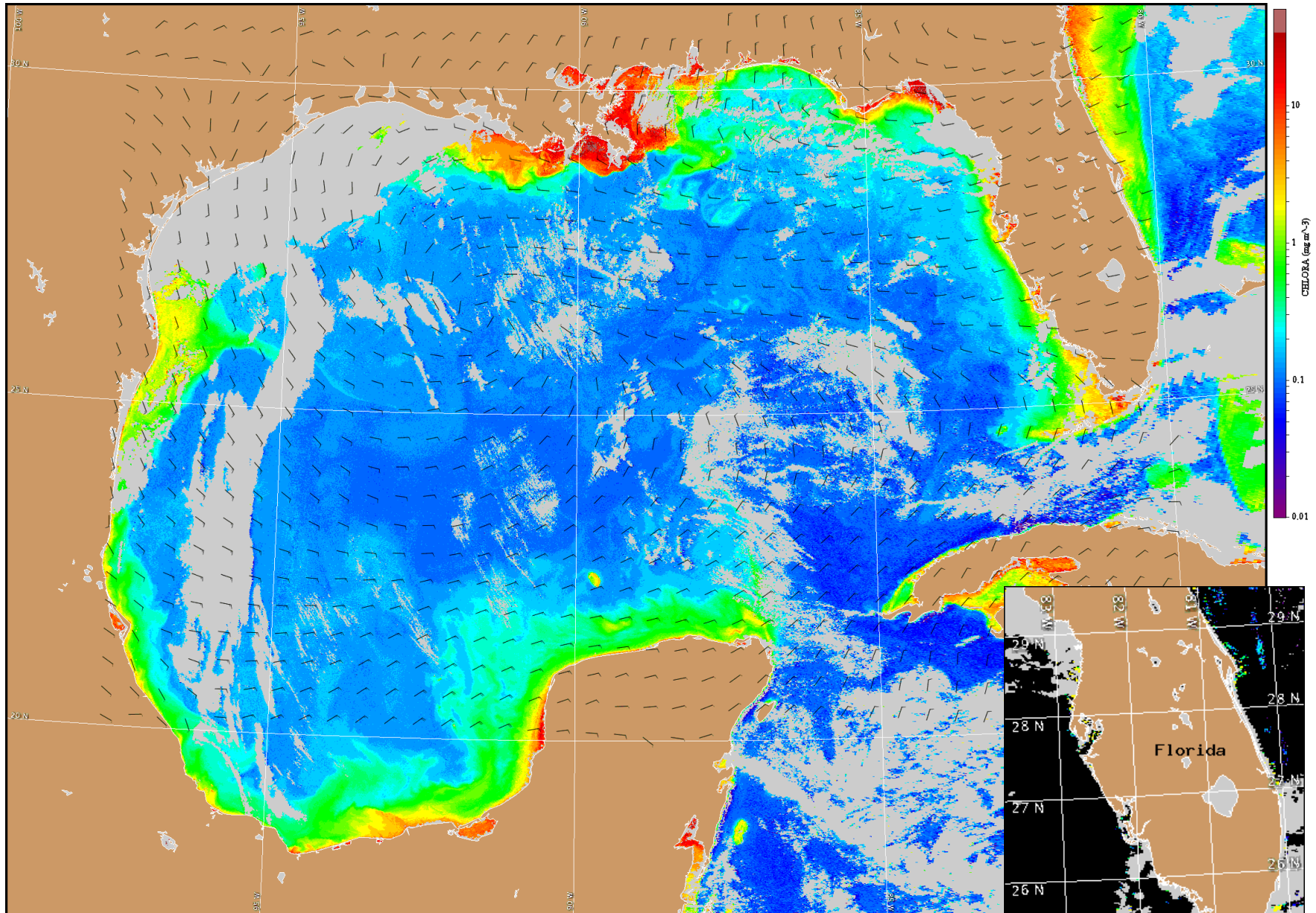
Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: West winds today, becoming northwest throughout Tuesday at 10 knots (5 m/s). North winds on Wednesday at 10 knots (5 m/s). Northeast winds on Thursday at 5-10 knots (3-5 m/s), becoming onshore in the afternoon. Southeasterly winds on Friday at 10-15 knots (5-8 m/s).

Keys: Northeast winds today at 5-10 knots (3-5 m/s). Winds clocking from north to northwest tonight through Wednesday at 10 knots (5 m/s). Northeasterly winds on Thursday at 10 knots (5 m/s), with east to southeast winds on Friday at 10-15 knots (5-8 m/s).

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for April 4, 2006 06Z.

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).

